

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
1	0	(380/25).CCLS.	USPAT	2004/08/31 12:25
-	1958	"voice over internet protocol"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 10:37
-	132	"voice over internet protocol" and "protocol stack"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/30 15:18
-	54	("voice over internet protocol" and "protocol stack") and security	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/04 11:14
-	3	"voice over internet protocol" and "SSA"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 09:06
-	0	20020129236.URPN.	USPAT	2004/03/04 11:15
-	5	"voice over internet protocol" and "security manager"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/04 11:58
-	1	("6477150").PN.	USPAT	2004/03/04 15:31
-	28	("5164985" "5387905" "5436893" "5450405" "5479477" "5491835" "5511232" "5524273" "5530914" "5530915" "5530916" "5530918" "5535426" "5537684" "5542108" "5555447" "5564071" "5612959" "5850611" "5901142" "5912882" "5914958" "6005848" "6081601" "6118771" "H001894" "6160544" "6301255").PN.	USPAT	2004/03/04 11:59
-	28	("5164985" "5387905" "5436893" "5450405" "5479477" "5491835" "5511232" "5524273" "5530914" "5530915" "5530916" "5530918" "5535426" "5537684" "5542108" "5555447" "5564071" "5612959" "5850611" "5901142" "5912882" "5914958" "6005848" "6081601" "6118771" "H001894" "6160544" "6301255").PN.	USPAT	2004/03/04 15:31
-	0	(("5164985" "5387905" "5436893" "5450405" "5479477" "5491835" "5511232" "5524273" "5530914" "5530915" "5530916" "5530918" "5535426" "5537684" "5542108" "5555447" "5564071" "5612959" "5850611" "5901142" "5912882" "5914958" "6005848" "6081601" "6118771" "H001894" "6160544" "6301255").PN.) and ("VOIP" "voice over internet protocol")	USPAT	2004/03/04 15:32

-	245	((("5164985" "5387905" "5436893" "5450405" "5479477" "5491835" "5511232" "5524273" "5530914" "5530915" "5530916" "5530918" "5535426" "5537684" "5542108" "5555447" "5564071" "5612959" "5850611" "5901142" "5912882" "5914958" "6005848" "6081601" "6118771" "H001894" "6160544" "6301255").PN.) and "VOIP" "voice over internet protocol"	USPAT	2004/03/04 15:32
-	79	((("5164985" "5387905" "5436893" "5450405" "5479477" "5491835" "5511232" "5524273" "5530914" "5530915" "5530916" "5530918" "5535426" "5537684" "5542108" "5555447" "5564071" "5612959" "5850611" "5901142" "5912882" "5914958" "6005848" "6081601" "6118771" "H001894" "6160544" "6301255").PN.) and "VOIP" "voice over internet protocol") and security	USPAT	2004/03/04 15:32
-	75	(((((("5164985" "5387905" "5436893" "5450405" "5479477" "5491835" "5511232" "5524273" "5530914" "5530915" "5530916" "5530918" "5535426" "5537684" "5542108" "5555447" "5564071" "5612959" "5850611" "5901142" "5912882" "5914958" "6005848" "6081601" "6118771" "H001894" "6160544" "6301255").PN.) and "VOIP" "voice over internet protocol") and security) and interface	USPAT	2004/03/04 15:33
-	41	(((((("5164985" "5387905" "5436893" "5450405" "5479477" "5491835" "5511232" "5524273" "5530914" "5530915" "5530916" "5530918" "5535426" "5537684" "5542108" "5555447" "5564071" "5612959" "5850611" "5901142" "5912882" "5914958" "6005848" "6081601" "6118771" "H001894" "6160544" "6301255").PN.) and "VOIP" "voice over internet protocol") and security) and interface) and stack	USPAT	2004/03/04 15:50
-	19	("5434854" "5594952" "5729536" "5809415" "5857153" "5862491" "5884165" "5901352" "5910946" "5923854" "5946633" "5970059" "6034950" "6115754" "6122263" "6138022" "6157843" "6222829" "6327260" "2002/0015392").PN.	USPAT	2004/03/04 15:37
-	0	"VoIP terminal security module"	USPAT	2004/03/04 15:50
-	2	"VoIP terminal security module"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/04 15:50
-	557	"VoIP" and "SIP"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/04 15:51
-	241	("VoIP" and "SIP") and security and interface	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/04 15:51

-	2	"20020129236"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/04 16:30
-	10	"SIP manager"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 09:25
-	558	"sip" and "voip"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 09:06
-	491	("sip" and "voip") and interface	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 09:06
-	154	((("sip" and "voip") and interface) and authorization	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 12:11
-	1	("sip" and "voip") and "remote user agent"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 12:11
-	79	("sip" and "voip") and "user agent"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 12:32
-	4	("sip" and "voip") and "invite signal"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 12:33
-	0	((713/151).CCLS.) and "voip"	USPAT	2004/03/08 12:34
-	0	((713/151).CCLS.) and "voice over internet"	USPAT	2004/03/08 12:34
-	89	(713/151).CCLS.	USPAT	2004/03/08 13:16
-	4899	"internet telephony" "voip"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 13:16
-	711	("internet telephony" "voip") and "SIP"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 13:17
-	228	((("internet telephony" "voip") and "SIP") and "invite"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/08 13:17
-	63	((("internet telephony" "voip") and "SIP") and "invite") and authorize	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 09:54
-	0	"method and apparatus for enabling group communication services"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 09:55

-	32	"maggenti"	US-PGPUB	2004/03/09 15:28
-	0	"401_Unauthorized"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:00
-	1	"send www authenticate"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:00
-	11664	("713").CLAS.	USPAT	2004/03/09 15:28
-	7	((("713").CLAS.) and "voip"	USPAT	2004/03/09 15:34
-	1194	(713/201).CCLS.	USPAT	2004/03/09 15:35
-	90	(713/151).CCLS.	USPAT	2004/03/09 15:35
-	0	wo-0039666-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/10 07:57
-	0	WO-0039666-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/10 07:58
-	0	WO-039666-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/10 08:02
-	0	WO-039666-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/10 08:03
-	1	WO-39666-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/10 08:25
-	32	"maggenti"	US-PGPUB	2004/03/10 08:26
-	160	(173/201).CCLS.	USPAT	2004/08/18 10:37
-	362	(173/151).CCLS.	USPAT	2004/08/18 10:40
-	1849	"VOIP"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 10:40
-	0	("20020102999").PN.	USPAT	2004/08/18 11:28
-	0	(2002/0102999).CCLS.	USPAT	2004/08/18 11:28
-	0	(2002/0102999).CCLS.	USPAT; US-PGPUB	2004/08/18 11:28
-	1	("20020102999").PN.	USPAT; US-PGPUB	2004/08/18 11:28
-	1849	"VOIP"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:40
-	106	"VOIP" and "SIP"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:51

-	0	WO-02054704-\$.did.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:54
-	2	02054704.pn.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:53
-	0	2054704.URPN.	USPAT	2004/08/18 12:54
-	0	WO-0002054704-\$.did.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:54
-	0	WO002054704A2-\$.did.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:55
-	0	WO2054704A2-\$.did.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:55
-	0	WO02054704A2-\$.did.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:55
-	0	WO02054704-\$.did.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:55
-	0	WO002054704-\$.did.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:55
-	0	WO-002054704-\$.did.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:55
-	3	"02054704"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/18 12:55
-	10614	(713/1-400).CCLS.	USPAT	2004/08/19 11:31
-	396	((713/1-400).CCLS.) and "barron"	USPAT	2004/08/19 11:32
-	380	((((713/1-400).CCLS.) and "barron") and "gilberto"	USPAT	2004/08/19 11:32
-	0	((((713/1-400).CCLS.) and "barron") and "gilberto") and "VOIP"	USPAT	2004/08/19 11:32
-	67	((((713/1-400).CCLS.) and "barron") and "gilberto") and "manager"	USPAT	2004/08/19 11:36
-	56	((((713/1-400).CCLS.) and "barron") and "gilberto") and "manager" and encryption	USPAT	2004/08/19 14:47
-	0	"specific data material on a computer"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 14:53
-	0	"USAGE OF A ROLE CERTIFICATE "	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 14:53
-	2	seal and "digital stamp" and signature	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 14:56
-	0	1164745.URPN.	USPAT	2004/08/19 14:55
-	0	"SECURE DOCUMENT MANAGEMENT SYSTEM "	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 14:57

-	0	"a trusted data management server"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 14:58
-	1	"trusted data management server"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 15:18
-	0	"DISABLING TOOL EXECUTION VIA ROLES"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/19 15:18
-	0	"DISABLING TOOL EXECUTION"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/20 07:53
-	0	"DISABLING TOOL EXECUTION"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/08/20 07:53
-	306	((((713/1-400).CCLS.) and "barron") and "gilberto") and "encryption"	USPAT	2004/08/26 10:48
-	1	("6757822").PN.	USPAT	2004/08/26 09:55
-	0	((("US5774551A 20 Pluggableaccountmanagementinterfacewithunifiedloginandlogoutandmultipleuseraut or ("US5757925A 14 Secureplatformindependentcross-platformremoteexecutioncomputersystemandmethod"	USPAT 19980630 USPAT 19980526	2004/08/26 09:55
-	0	or ("US5774551A or ("US5774551A"19970408 12US5619657A") or ("US5544322A") or MEU86440643A) or ("US5544322A") or 5 or ("57085544322A" ("5757925A"19960806 125619657") or ("5544322") or 10 or ("713/1-400).CCLS.) and "USPAT" 19940920 10 Systemandmethodforsecureinitialprogramloadforlessworkload("6757822").PN.	USPAT USPAT USPAT	2004/08/26 09:56 2004/08/26 09:56
-	10	or ("713/1-400).CCLS.) and "USPAT" 19940920 10 Systemandmethodforsecureinitialprogramloadforlessworkload("6757822").PN.	USPAT	2004/08/30 14:02
-	768	Systemandmethodforsecureinitialprogramloadforlessworkload("6757822").PN.	USPAT	2004/08/30 14:02
-	1	"ginter" and "VOIP"	USPAT	2004/08/30 14:03
-	1	("5579375").PN.	USPAT	2004/08/30 14:03
-	166	"voice over internet protocol" and "protocol stack"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/31 12:25